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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: M.A.B. Halstead

Attorney Docket No: MSFT117205

Application No: 09/090,119

Group Art Unit: 2151

Filed: June 4, 1998

Examiner: G. Fourson

Title: PERSISTENT REPRESENTATIONS FOR COMPLEX DATA
STRUCTURES AS INTERPRETED PROGRAMS

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AMENDMENT A AND RESPONSE

Seattle, Washington 98101

June 25, 2001

TO THE COMMISSIONER FOR PATENTS:

Applicant respectfully requests that the following amendments be made to the above-identified application:

In the Claims:

Please amend Claims 1, 8, 10, and 19, and add new Claims 22-27, as follows:

(Amended) A computer-implemented method for recreating a complex data object having a structure, the method comprising:

obtaining a persistent representation of the structure of the complex data object as a sequence of directly executable instructions, wherein the directly executable instructions are calls to a set of predefined functions;

interpreting the directly executable instructions as calls to a set of predefined functions;

and

calling a predefined function corresponding to each directly executable instruction in the sequence of directly executable instructions so as to construct the complex data object directly from the persistent representation.

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01 FC:103
02 FC:104

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